

Listing of the claims

This listing of the claims replaces all the prior listings of claims in this application.

What is claimed is

1. (Currently amended) A process for isolating a purified biological material comprising:
 - a) placing biological materials in separate lysis vessels of a lysis unit comprising two or several lysis vessels in a predetermined geometric arrangement,
 - b) adding lysis liquids to the biological materials in the lysis vessels,
 - c) transferring the liquids in the lysis vessels into a matrix unit containing matrix vessels with outlet openings whose number corresponds to the number of lysis vessels and a matrix is located in each of the matrix vessels to which the biological material to be purified binds,
 - d) extracting by centrifugation the liquids in the matrix vessels through the outlet openings during which the liquids flow through the matrices,
 - e) placing the matrix unit on a collecting unit with collecting vessels which are arranged such that at least the outlet openings of the matrix vessels extend into the collecting vessels,
 - f) filling the matrix vessels with elution fluid,
 - g) extracting the elution fluids from the matrix vessels through their outlet openings during which the elution fluids flow through the matrices and the elution fluids which are enriched with biological material are collected in the collecting vessels, and
 - h) closing the collecting unit with a closure unit.
- 2-3. (Cancelled)

4. (Previously presented) The process as claimed in claim 1, wherein biological materials are added to the lysis vessels by only opening the lysis vessel into which material is to be added and the caps of the other lysis vessels of the lysis unit are leaned to or closed.
5. (Previously presented) The process as claimed in claim 1, wherein the caps of the matrix unit are in the leaned-to position before addition of the lysis liquids, a cap is opened for the addition and is brought into the closed position after the addition.
6. (Previously presented) The process as claimed in claim 1 further comprising the steps:
 - a) storing data which identify a biological sample,
 - b) allocating the data relating to the biological sample to data which identify the lysis unit as well as the position of the lysis vessel within the lysis unit into which the sample is added,
 - c) allocating data which identify the matrix unit into which the lysis liquids are added to data which identify the lysis unit,
 - d) allocating data which either
 - identify the collecting unit in which the elution liquid from the matrix unit is collected,
 - or
 - identify the closure unit used to close the collecting unit to the data for the matrix unit.
7. (Previously presented) The process as claimed in claim 6, in which liquids are transferred from the lysis unit into the matrix unit by removing liquid from a lysis vessel and adding it to the matrix vessel of the matrix unit that is in a corresponding position.
- 8.– 20. (Cancelled)